Table of contents

Ahlborg, U. G., see Thunberg, T., et al. 16
Al-Shamma, K. J., see Hicks, R., et al. 1
Alvares, A. P., see Elves, R. G., et al. 258
Andersen, J., see Jansen, J. A., et al. 64
Anundi, I., see Dawson, J. R., et al. 11

Barni-Comparini, I., see Lungarella, G., et al. 224
Bayer, E., see Korn, M., et al. 59
Bernard, A., see Viau, C., et al. 247
Binenfeld, Z., see Macsimović, M., et al. 199
Bisschop, H. C. De, see Willems, J. L., et al. 76
Blanuša, M., see Kostial, K., et al. 250
Bolt, H. M.: Editorial note 149
Bolt, H. M., see Filser, J. G. 219
Bolt, H. M., Filser, J. G., Störmer, F.: Inhalation pharmacokinetics based on gas uptake studies. V. Comparative pharmacokinetics of ethylene and 1,3-butadiene in rats 213
Bregovec, I., see Macsimovic, M., et al. 199
Bridges, J. W., see Mitchell, A. M., et al. 239
Broekaert, D., see Morselt, A. F. W., et al. 155
Buchet, J. P., Geubel, A., Pauwels, S., Mahieu, P., Lauwerys, R.: The influence of liver disease on the methylation of arsenite in humans 151

Caroldi, S., Jarvis, J. A. E., Magos, L.: In vivo inhibition of Dopamine-β-hydroxylase in rat adrenals during exposure to carbon disulphide 265
Caviezel, M., Lutz, W. K., Minini, U. Schlatter, C.: Interaction of estrone and estradiol with DNA and protein of liver and kidney in rat and hamster in vivo and in vitro 97
Chieli, E., see Malvaldi, G., et al. 34
Chmielnicka, J., see Jedrychowski, R. A., et al. 195
Copius-Peereboom-Stegeman, J. H. J., see Morselt, A. F. W., et al. 155
Csicsaky, M., see Wiegand, H., et al. 55
Csicsaky, M., see Wiegand, H., et al. 253

Danielsson, B. R. G.: Placental transfer and fetal distribution of cadmium and mercury after treatment with dithiocarbamates 161
Danielsson, B. R. G., Oskarsson, A., Dencker, L.: Placental transfer and fetal distribution of lead in mice after treatment with dithiocarbamates 27
d'Argy, R., see Hassoun, E., et al. 20
Dawson, J. R., Norbeck, K., Anundi, I., Moldéus, P.: The effectiveness of N-acetylcysteine in isolated hepatocytes, against the toxicity of paracetamol, acrolein, and paraquat 11
Deljac, V., see Macsimovic, M., et al. 199
Dencker, L., see Danielsson, B. R. G., et al. 27
Dencker, L., see Hassoun, E., et al. 20
Doherty, P. A., see Kruszyna, R., et al. 203

Edery, M., see Nandi, S., et al. 91
Elcombe, C. R., see Mitchell, A. M., et al. 239
Elves, R. G., Ueng, T.-H., Alvares, A. P.: Comparative effects of ethanol administration on hepatic monooxygenase in rats and mice 258

Falzoi, M., see Mutti, A., et al. 173
Filser, J. G., Bolt, H. M.: Inhalation pharmacokinetics based on gas uptake studies. VI. Comparative evaluation of ethylene oxide and butadiene monoxide as exhaled reactive metabolites of ethylene and 1,3-butadiene in rats 219
Filser, J. G., see Bolt, H. M., et al. 213
Fonzi, L., see Lungarella, G., et al. 224
Forsberg, J.-G.: Short-term and long-term effects of estrogen on lymphoid tissues and lymphoid cells with some remarks on the significance for carcinogenesis 79
Franchini, I., see Mutti, A., et al. 173
Fuller, G. C., see Ruben, Z., et al. 206

Geubel, A., see Buchet, J. P., et al. 151

Hashimoto, K., see Tanii, H. 47
Hassoun, E., d'Argy, R., Dencker, L., Sundström, G.: Teratological studies on the TCDD congener 3,3'4,4'-tetrachloroazoxybenzene in sensitive and non-sensitive mouse strains: Evidence for direct effect on embryonic tissues 20
Hemminki, K., Suni, R.: Sites of reaction of glutaraldehyde and acetaldehyde with nucleosides 186
Hewitt, P. J., see Hicks, R., et al. 1
Hicks, R., Lam, H. F., Al-Shamma, K. J., Hewitt, P. J.: Pneumoconiotic effects of welding-fume particles from mild and stainless steel deposited in the lung of the rat 1
Ho, E., see Terao, K., et al. 39
Holmstedt, B., see Nordgren, I., et al. 70
Howland, R. D., Lowndes, H. E.: Peripheral nerve phospholipids in acrylamide neuropathy 178

Imagawa, W., see Nandi, S., et al. 91

Jacobsson, S., see Vainiotalo, S., et al. 137
Jägel, M., Lüllmann-Rauch, R.: Lipidosis-like alterations in cultured macrophages exposed to local anaesthetics 229
Jansen, J. A., Andersen, J., Schou, J. S.: Boric acid single dose pharmacokinetics after intravenous administration to man 64
Jarvis, J. A. E., see Caroldi, S., et al. 265
Jedrychowski, R. A., Sokal, J. A., Chmielnicka, J.: Influence of exposure mode on vinyl chloride action 195
Jongstra-Spaapen, E. J., see Morselt, A. F. W., et al. 155

Kargačin, B., see Kostial, K., et al. 250
Knodle, S. G., see Ruben, Z., et al. 206
Korn, M., Wodarz, R. Schoknecht, W., Weichardt, H., Bayer, E.: Styrene metabolism in man: Gas chromatographic separation of mandelic acid enantiomers in the urine of exposed persons 59
Koskinen, H., see Vainiotalo, S., et al. 137
Koster, A. Sj., Meewisse, C. P. J., Noordhoek, J.: Glucuronidation in rat intestinal epithelial cells. Dependence of glucose supply and resistance to inhibition by ethanol and fasting 123
Kostial, K., Kargačin, B., Blanuša, M., Landeka, M.: The effect of 2,3-dimercaptopropane sodium sulfonate on mercury retention in rats in relation to age 250
Krämer, U., see Wiegand, H., et al. 55

Krämer, U., see Wiegand, H., et al. 253
Kriegel, H., see Schmahl, W., et al. 143
Kruszyna, H., see Kruszyna, R., et al. 203
Kruszyna, R., Kruszyna, H., Doherty, P. A., Smith, R. P.: Hypotensive effects of Hydroxylamine in intact anesthetized dogs and cats 203

Lam, H. F., see Hicks, R., et al. 1
Landeka, M., see Kostial, K., et al. 250
Lauwerys, R., see Buchet, J. P., et al. 151
Lauwerys, R., see Viau, C., et al. 247
Lee, I. P., see Shen, R. S. 233
Li, J. J., Li, S. A.: Estrogen-induced tumorigenesis in hamsters: Roles for hormonal and carcinogenic activities 110
Li, S. A., see Li, J. J. 110
Liehr, J. G.: Modulation of estrogen-induced carcinogenesis by chemical modifications 119
Lipska, M., see Osicka-Koprowska, A., et al. 68
Lowndes, H. E., see Howland, R. D. 178
Lüllmann-Rauch, R., see Jägel, M. 229
Lundgren, G., see Nordgren, I., et al. 70
Lungarella, G., Barni-Comparini, I., Fonzi, L.: Pulmonary changes induced in rabbits by long-term exposure to *n*-hexane 224
Lutz, W. K., see Caviezel, M., et al. 97

Macsimovic, M., Bregovec, I., Deljac, V., Binenfeld, Z.: Reactivators of organophosphate-inhibited cholinesterase. 4-cycloalkylcarbonyl substituted bis-pyridinium monooximes 199
Magos, L., see Caroldi, S., et al. 265
Mahieu, P., see Buchet, J. P., et al. 151
Maldague, P., see Viau, C., et al. 247
Malvaldi, G., Chieli, E., Saviozzi, M.: Biliary cirrhosis and tumors induced by chronic administration of thiobenzamide to rats 34
McGrath, M. F., see Nandi, S., et al. 91
Meewisse, C. P. J., see Koster, A. Sj., et al. 123
Metzler, M.: Metabolism of stilbene estrogens and steroidal estrogens in relation to carcinogenicity 104
Minini, U., see Caviezel, M., et al. 97
Mitchell, A. M., Bridges, J. W., Elcombe, C. R.: Factors influencing peroxisome proliferation in cultured rat hepatocytes 239
Mohn, G. R.: The DNA repair host-mediated assay as a rapid and sensitive in vivo procedure for the determination of genotoxic factors present in various organs of mice. Some preliminary results with mitomycin C 268
Moldéus, P., see Dawson, J. R., et al. 11
Morselt, A. F. W., Broekaert, D., Jongstra-Spaapen, E. J., Copius-Peereboom-Stegeman, J. H. J.: Histochemical changes in protein disulphide bonds in rat liver and kidney after chronic cadmium administration, and the possible relation to metallothionein 155
Mutti, A., Falzoi, M., Romanelli, A., Franchini, I.: Regional alterations of brain catecholamines by styrene exposure in rabbits 173

Nandi, S., Imagawa, W., Tomooka, Y., McGrath, M. F., Edery, M.: Collagen gel culture system and analysis of estrogen effects on mammary carcinogenesis 91
Nicaise, M., see Willems, J. L., et al. 76
Nickels, J., see Vainiotalo, S., et al. 137
Nilsen, O. G., see Walseth, F. 132
Noordhoek, J., see Koster, A., Sj., et al. 123
Norbeck, K., see Dawson, J. R., et al. 11
Nordgren, I., Lundgren, G., Puu, G., Holmstedt, B.: Stereoselectivity of enzymes involved in toxicity and detoxification of soman 70

Osicka-Koprowska, A., Lipska, M., Wysocka-Paruszewska, B.: Effects of chlorfenvinphos on plasma corticosterone and aldosterone levels in rats 68
Oskarsson, A., see Danielsson, B. R. G., et al. 27

Papadopoulos, R., see Wiegand, H., et al. 253
Parkinson, A., see Robertson, L. W., et al. 127
Pauwels, S., see Buchet, J. P., et al. 151
Puu, G., see Nordgren, I., et al. 70

Robertson, L. W., Thompson, K., Parkinson, A.: Synthesis, characterization and biologic effects of polybrominated naphthalenes 127
Romanelli, A., see Mutti, A., et al. 173
Ruben, Z., Fuller, G. C., Knodle, S. G.: Disobutamide-induced cytoplasmic vacuoles in cultured dog coronary artery muscle cells 206

Sabri, M. I.: Further observations on in vitro and in vivo effects of 2,5-hexanedione on glyceraldehyde-3-phosphate dehydrogenase 191
Sawabe, Y., see Shimada, T. 182
Saviozzi, M., see Malvaldi, G., et al. 34
Savolainen, H., see Vainiotalo, S., et al. 137
Schlatter, C., see Caviezel, M., et al. 97
Schmahl, W., Török, P., Kriegel, H.: Embryotoxicity of 5-azacytidine in mice. Phase- and dose-specificity studies 143
Schoknecht, W., see Korn, M., et al. 59
Schou, J. S., see Jansen, J. A., et al. 64
Shen, R. S., Lee, I. P.: Selected testicular enzymes as biochemical markers for procarbazine-induced testicular toxicity 233
Shimada, T., Sawabe, Y.: Comparative studies on distribution and covalent tissue binding of 2,4,2′,4′- and 3,4,3′,4′-tetrachlorobiphenyl isomers in the rat 182
Sidhu, K. S.: The determination of environmental 2-ethoxyethanol by gas chromatography 272
Smith, R. P., see Kruszyna, R., et al. 203
Sokal, J. A., see Jedrychowski, R. A., et al. 195
Störmer, F., see Bolt, H. M., et al. 213
Sundström, G., see Hassoun, E., et al. 20
Suni, R., see Hemminki, K. 186

Tanii, H., Hashimoto, K.: Studies on the mechanism of acute toxicity of nitriles in mice 47
Tatsuno, T., see Terao, K., et al. 39
Terao, K., Ho, E., Tatsuno, T.: Liver injuries induced by cyclochlorotine isolated from *Penicillium islandicum* 39
Thompson, K., see Robertson, L. W., et al. 127
Thunberg, T., Ahlborg, U. G., Wahlström, B.: Comparison between the effects of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin and six other compounds on the vitamin A storage, the UDP-glucuronosyltransferase and the aryl hydrocarbon hydroxylase activity in the rat liver 16
Török, P., see Schmahl, W., et al. 143
Tomooka, Y., see Nandi, S., et al. 91

Ueng, T.-H., see Elves, R. G., et al. 258

Vainiotalo, S., Zitting, A., Jacobsson, S., Nickels, J., Koskinen, H., Savolainen, H.: Toxicity of polymethylmethacrylate thermodegradation products 137
Viau, C., Bernard, A., Lauwerys, R., Maldague, P.: Cadmium, analgesics, and the chronic progressive nephrosis in the female Sprague-Dawley rat 247
Voet, G. B., van der, Wolff, F. A., de: A method of studying the intestinal absorption of aluminium in the rat 168

Wahlström, B., see Thunberg, T., et al. 16
Walseth, F., Nilsen, O. G.: Phthalate esters. II. Effect of inhaled dibutylphthalate on cytochrome P-450 mediated metabolism in rat liver and lung 132
Weichardt, H., see Korn, M., et al. 59
Wiegand, H., Csicsaky, M., Krämer, U.: The action of thallium acetate on neuromuscular transmission in the rat phrenic nerve-diaphragm preparation 55
Wiegand, H., Papadopoulos, R., Csicsaky, M., Krämer, U.: The action of thallium acetate on spontaneous transmitter release in the rat neuromuscular junction 253
Willems, J. L., Nicaise, M., Bisschop, H. C. De: Delayed neuropathy by the organophosphorus nerve agents soman and tabun 76
Wodarz, R., see Korn, M., et al. 59
Wolff, F. A. de, see Voet, G. B. van der 168
Wysocka-Paruszewska, B., see Osicka-Koprowska, A., et al. 68

Zitting, A., see Vainiotalo, S., et al. 137